



Dart Hawkesbury
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada
Tel (613) 632-5200

Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Serial No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total
PO038863	MES002-VC	4	1	Net 30	M304B0.250x0.500	304 Bar .250 X .500 : MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE AS PER ASTM A276 OR ASTM A240 NOTE: AISI 303 NOT ACCEPTABLE receive ft				200	2/9/2018	221		S040144	Stock	2/7/2018	\$ 4.25 / pcs	0		\$93
Total:										200		221								\$756

Plex 2/7/2018 1:05 PM Dart, Dubois, Pascal

Shipping Order

06/02/2018

METAUX SOLUTIONS INC
2625 BOUL JACQUES CARTIER EST
LONGUEUIL, QUEBEC
J4N 1L7 Tel.: 450 641-3330

Order : 132218
Reference : 38863
Bid : 25747
Ship : PICK UP / PICK UP

Customer: 6323336

Ship To

DART AEROSPACE LTD
1270, ABERDEEN STREET
HAWKESBURY, ONTARIO
K6A 1K7

Same

Tel.: 1 613 632-3336

Item No.	Description	Qty	Qty. Delivered	B/O Qty
	***** FACTURER E-MAIL ***** SUPER IMPORTANT SUR LE PACKING SLIP INSCRIRE LES HEAT N			
	***** FACTURER E-MAIL ***** SUPER IMPORTANT SUR LE PACKING SLIP INSCRIRE LES HEAT N			
	***** FACTURER E-MAIL ***** SUPER IMPORTANT SUR LE PACKING SLIP INSCRIRE LES HEAT N			
MP144130	4130N PLATE .250" 1 X 36" X 144" ***** HT;167245-05	1	<u>1</u>	<u>1</u>
SR234174	ST 17-4PH ROU 2.750 DIA COND. H900 1 X 12' R/L ***** HT;504m	12.5	<u>12.5</u>	<u>12.5</u>
SR1174900	17-4PH COND 900 1 DIA. 2 X 12' R/L ***** HT;452K	24	<u>24</u>	<u>24</u>
SF14124HR	304 STAIN FLA .25" X .500" HR 17 X 12' R/L ***** HT;67736108	204	<u>221</u> <u>304</u>	<u>1</u>

SHIP JOURNEY COLLECT
JP

Shipping : _____
Package No : _____
Merchandise Received: _____

Ref. : _____

METAUX SOLUTIONS INC
2625 BOUL JACQUES CARTIER EST
LONGUEUIL, QUEBEC
J4N 1L7 **Tel. : 450 641-3330**

Shipping Order

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DART AEROSPACE LTD
1270, ABERDEEN STREET
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	SHIP JOURNEY COLLECT JP			

Shipping : _____ **Ref. :** _____
Package No : _____
Merchandise Received: _____



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO038863**

Supplier: MES002-VC
Metaux Solutions
2625 boul Jacques-Cartier Est
Longueuil
QC
J4N 1L7 Canada
Phone: 800 558 8858
Fax: 514 633 8044

PO No: PO038863

PO Date: 1/25/18

Due Date: 2/9/18

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Phone:

Via: Ground

Pynt Terms: Net 30

Freight Terms:

Special Comments:

E-MAILED

JAN 26 2018

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Items

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	M17-4-H900-R1.000		17-4 SS H900 Round Bar 1.00" : M174PH-H900R0.500 MATERIAL: 17-4 PH COND. H900 AS PER AMS 5643 NOTE: PLEASE SHIP MATERIAL TO METCOR INC. 560 BOULV. ARTHUR SAUVE SAINT-EUSTACHE, QC J7R-5A8 450-473-1884 receive ft	Firmed	2/9/18	24 ft	0 ft	24 ft	\$26.35/ft	\$632.40
2	M17-4-H900-R2.750		17-4 SS H900 Round Bar 2.750" : MATERIAL: 17-4 PH COND. H900 M174PH-H900R0.625 AS PER AMS 5643 NOTE: PLEASE SHIP MATERIAL TO METCOR INC. 560 BOULV. ARTHUR SAUVE SAINT-EUSTACHE, QC J7R-5A8 450-473-1884 receive ft	Firmed	2/9/18	12 ft	0 ft	12 ft	\$189.80/ft	\$2,277.60
3	M4130NS.250		4130 Sheet .250 : MATERIAL: AISI 4130N STEEL SHEET AS PER OR AS PER AMS 6345 MIL-S-18729 OR AMS 6350 OR AMS 6351 receive sf	Firmed	2/9/18	36 sf	0 sf	36 sf	\$59.109722/sf	\$2,127.95
4	M304B0.250x0.500		304 Bar .250 X .500 : MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE AS PER ASTM A276 OR ASTM A240 NOTE: AISI 303 NOT ACCEPTABLE receive ft	Firmed	2/9/18	200 pcs	0 pcs	200 pcs	\$4.25/pcs	\$850.00

221
ft

FEB 07 2018

DAS
11
9-89

Grand Total: \$5,887.95

Order Notes

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 1/25/18 12:44 PM dart.lavoie.chantal

METAUX SOLUTIONS INC
 2625 BOUL JACQUES CARTIER EST
 LONGUEUIL, QUEBEC
 J4N 1L7 **Tel. :** 450 641-3330

Bid 25/01/2018 25747

Sales Rep. : JEROME PRIMEAU
Reference : CHANTAL
Expiration Date : 25/04/2018

Customer : 6323336

DART AEROSPACE LTD
 1270, ABERDEEN STREET
 HAWKESBURY, ONTARIO
 K6A 1K7

Ship To :

Same

Tel. : 1 613 632-3336

<i>Item No.</i>	<i>Description</i>	<i>Qty</i>	<i>Price</i>	<i>Total</i>	<i>Tx</i>
	***** FACTURER E-MAIL ***** SUPER IMPORTANT SUR LE PACKING SLIP INSCRIRE LES HEAT N				
MP144130	4130N PLATE .250" 1 X 36" X 144"	1	2127.95	2 127.95	A
SR234174	ST 17-4PH ROU 2.750 DIA COND. H900 1 X 12' R/L	12	189.80	2 277.60	A
SR1174900	17-4PH COND 900 1 DIA. 1 X 12' R/L	12	26.35	316.20	A
	7/10 DAYS				

	Subtotal	4 721.75
A) Regist :	HST :	613.83
	Total :	5 335.58

Chantal Lavoie

From: Regis Quenneville
Sent: Tuesday, January 23, 2018 3:47 PM
To: Kim Johnston; Chantal Lavoie
Subject: MAT'L

Hi Kim, can you enter the following mat'l in the system:

M17-4-H900-R2.750

X12
1.1" X24

Hi Chantal, can you order a couple feet of this atleast.

Thanks,
RQ

P/N RBE350A93-3316-20-1
350 FIELD MAINTENANCE KIT

metals solution

4130N sheet .250" 32 SF

4140H R 1.5" / ft

BOLLINGHAUS
STEELBollinghaus Steel, SA
DIN EN ISO 9001:2008
TÜV CERT No. 01 100 030458

Abnahmeprüfzeugnis/Mill Test Certificate/Certif. de Qualidade

EN 10204:2004 / 3.1

No.: / Nr.: /N.r.:

0000136628

Unsere Innere Verweisung /Our Int. Ref/ n/ ref int

5600038278 000010

Datum / Date / Data

19.12.2017

Spezifikation / Standards / Normas

TYPE 304/UNS S30400 and TYPE 304L/UNS S30403 acc. to ASTM A276/A276M-16a, ASTM A182/A182M-16a, ASTM A193/A193M-16, ASTM A479/A479M-16a, ASTM A320/A320M-15a, ASTM A314-15, ASTM A262-15 Pract. E, AMS QQ-S-763D, AMS 5630J, AMS 5647K, ASME SA479/SA479M, ASME SA276, ASME SA182/182M, ASME SA 193/SA193M, ASME SA320/SA320M, NACE MR0175-2015, execution as per ASTM A484/A484M-16.

Kunde / Customer / Cliente

Endgültiger Kunde / Final Customer / Cliente Final

Bestell Nr./Order Nr./ Enc.Nr. c110766

Bestell Nr./ Order Nr./ Enc.Nr. c110766.1

Produktgruppe / Product Group / Grupo Produto

Gewicht / Weight / Peso

Bunde / Bundle / Atados

AISI 304/L FLAT 1/4 X 1/2"

1.059 lb

01

Werkstoff-Nr.
Material-no.
Qualidade 1.4307

Werkstoff-Normbezeichnung / Material standard grade / Norma do material

X 2 CrNi 18-9

Beschreibung / Description / DescriçãoStainless steel flat bars, hot rolled, heat treated, straightened and pickled
US DFR 252.225-7009: MELT SOURCE: France / MFG: Portugal.Schmelzen Nr.
Cast nr. / Fusão nr.**Chemische Analyse in % / Chemical composition in % / Análise química em %**

67736108	C	0.018	Si	0.525	Mn	1.154	P	0.029	S	0.025	Cr	18.127	Ni	8.045
EAFAAD	Mo	0.376	Co	0.117	Cu	0.408	N	0.080	Ti	0.002	-	-	-	-

Proben Nr.
Test no.
Amostra no.**ASTM E399**Kerbschlagarbeit
Impact Test
Resistência

(Charpy V)

[J]

Streckgrenze
Yield point
Tensão limite

Rp 0.2 %

[Ksi]

Dehngrenze
1% point
Limite de extensão

Rp 1.0 %

[Ksi]

ASTM A370Zugfestigkeit
Tensile strength
Tensão de ruptura

Rm

[Ksi]

Dehnung
Elongation
Alongamento

A5

[%]

Einschnürung
Reduction of area
Coef. Estricção

Z

[%]

4038951.01.01

ASTM E10Härte
Hardness
Dureza

195

[HB]

ASTM A484Maßkontrolle
Dimensional inspection
Inspeção dimensional

OK

ASTM E112Korngröße
Grain size
Tamanho de grão

9

ASTM A262 Practice EKorrosionsbeständigkeit
IC Test

OK

Abnahmebeauftragter
Authorized inspection Representative
Inspector de Qualidade

396

Vasco Ferreira (R. VF)

Wärmebehandlung

Heat treatment

Tratamento térmico

Annealed Quenched 1900 °F (1050 °C)

(water quenched)

Bemerkungen / Remarks / ObservaçõesCountry of origin: Portugal. No weld repair done.
Material is free of mercury and radiation contamination.

Hiermit bestätigen wir, dass das Material der oben genannten Spezifikation entspricht.

We confirm that this material meets the specification according to the mentioned standards.

Confirmamos que este material respeita as especificações de acordo com as normas referidas.

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304B0.250X0.500
DATE: FEB 07 2018

PO BATCH NO: 038863/50410144

MATERIAL CERT REQD: yes
QUANTITY RECEIVED: 221"
QUANTITY INSPECTED: 221"
QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.250
THICKNESS RECEIVED: 0.250
SHEET SIZE ORDERED: N/A
SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	Y	(N)	
CORRECT GRAIN DIRECTION	(Y)	N	
CORRECT MATERIAL PER M-DRAWING	(Y)	N	<u>Aster A276</u>
CORRECT THICKNESS	(Y)	N	
PHOTO REQUIRED	Y	(N)	
CORRECT REF # TO LINK CERT	(Y)	N	<u>Heat # 67736108</u>
CORRECT MATERIAL IDENTIFICATION	(Y)	N	
CORRECT M# ON THE MATERIAL	(Y)	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK.
RECORD RESULTS BELOW

	HRC	HRB	DUR A	DUR D	WEAR
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (If Required)	
INSPECTED BY: <u>11</u>	SIGNED OFF BY: _____		
DATE: <u>FEB 07 2018</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in.

SPECIFICATION CONTROL DRAWING

△ PURCHASE MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE
(NOTE: AISI 303 NOT ACCEPTABLE)

△ SPECIFICATION: ASTM A276 OR ASTM A240
PART NUMBER: M304B1 TTT | X | WWW | WWW |
THICK | WIDTH

WHERE "T, TTT" = THICKNESS IN INCHES
AND "WWW, WWW" = WIDTH IN INCHES
△ EG. 0.5" X 3.0" BAR = M304B0.500X03.000
EG. 0.5" X 12.0" PLATE = M304B0.500X12.000

RELEASED
2010-11-30

C	ADDED PLATE TO PURCHASE MATERIAL, ADDED PLATE RELATED SPECIFICATIONS, AND EG. CHANGED TITLE FROM "304/316 BAR" TO "304/316 BAR/PLATE"	MB	10.11.25
B	REFORMAT DWG. ADD SPECS (ZN DB-1), REF PAR 08-020A	CP	09.07.15
A	NEW ISSUE	PH	05.06.10
REV.	DESCRIPTION	BY	DATE
DESIGN	PH		
DRAWN			
CHECKED	MB		
MFG. APPR.	MB		
APPROVED	MB		
DE APPR.	MB		
DATE	10.11.25		
DART AEROSPACE LTD. HAWKESBURY, ONTARIO, CANADA DRAWING NO. M304B TITLE 304/316 BAR/PLATE REV. C SHEET 1 OF 1 SCALE NTS DART AEROSPACE LTD. 1000 DART AEROSPACE BLVD. HAWKESBURY, ONTARIO L0A 1H0 TEL: (519) 872-1111 FAX: (519) 872-1112 E-MAIL: SALES@DARTAEROSPACE.COM "THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL. IT IS NOT TO BE REPRODUCED OR DISCLOSED TO ANY OTHER PERSON WITHOUT THE WRITTEN PERMISSION OF DART AEROSPACE LTD."			